

Converting Colors

$Yxy(73.1582, 0.2759, 0.2971)$

Have a look what the booklet for
Yxy(73.1582, 0.2759, 0.2971)
contains.

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Color

Yxy(73.3485, 0.2759, 0.2975)

Conversions

Conversions Part 1

Format	Color
Hex	C4E2FF
RGB	196, 226, 255
RGB Percent	77%, 89%, 100%
CMY	0.2311, 0.1138, 0.0000
CMYK	0.23, 0.11, 0.00, 0.00
HSL	210°, 100%, 88%
HSV	210°, 23%, 100%
XYZ	68.0230, 73.3485, 105.1781
YIQ	220.3360, -27.1890, 2.6590

Conversions

Conversions Part 2

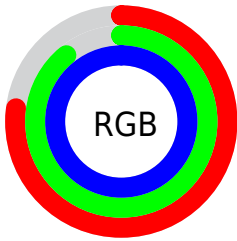
Format	Color
R _Y B	196, 216, 255
Decimal	12903167
CIE Lab	88.61, -3.68, -17.34
CIE LCh	89, 17.723, 258.019
Yxy	73.3485, 0.2759, 0.2975
Android (android.graphics.Color)	4291093247 (0xFFC4E2FF)
YUV	220.3360, 17.0894, -21.3427
Hunter-Lab	85.6437, -8.1019, -12.8627

Details

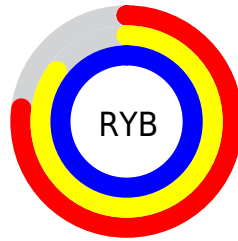
The Yxy color **73.3485, 0.2759, 0.2975** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79.1391, 0.3541, 0.3586**, and the grayscale version is **71.7186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **38.8658, 0.2674, 0.2908** is the 20% darker color. If you saturate the color by 10%, you get **63.6380, 0.2594, 0.2815**, and if you desaturate by 10%, it is **84.1458, 0.2922, 0.3121**.

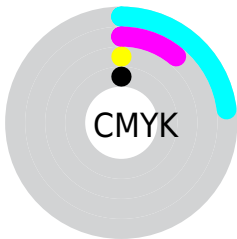
Distribution



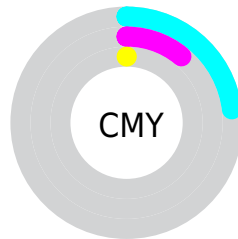
- Red (77%)
- Green (89%)
- Blue (100%)



- Red (77%)
- Yellow (85%)
- Blue (100%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3485, 0.2759, 0.2975 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 73.3485, 0.2759, 0.2975 by changing the saturation by 10% instead.

■ 73.3485, 0.2759,
0.2975

■ 73.3485, 0.2759,
0.2975

472.2218, 0.2927,
0.3121

■ 54.2610, 0.2721,
0.2942

123.9718, 0.2817,
0.3025

■ 38.8103, 0.2675,
0.2901

156.2764, 0.2840,
0.3045

■ 26.6122, 0.2617,
0.2850

193.7555, 0.2859,
0.3062

■ 17.2822, 0.2541,
0.2783

236.7934, 0.2876,
0.3077

■ 10.4359, 0.2441,
0.2692

285.7746, 0.2891,
0.3090

■ 5.6889, 0.2300,
0.2564

341.0835, 0.2905,

■ 2.6569, 0.2089,

0.3101

0.2369

403.1044, 0.2916,
0.3111

0.9553, 0.1745,
0.2042

0.0000, 0.0000,
0.0000

73.3485, 0.2759,
0.2975

73.3485, 0.2759,
0.2975

63.6380, 0.2594,
0.2815

84.1458, 0.2922,
0.3121

54.9656, 0.2431,
0.2641

96.0587, 0.3079,
0.3252

47.2911, 0.2275,
0.2457

99.9999, 0.3127,
0.3290

40.5681, 0.2130,
0.2264

■ 34.7453, 0.2002,
0.2069

■ 29.7645, 0.1896,
0.1877

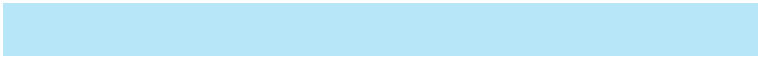
■ 25.5574, 0.1814,
0.1692

■ 23.0469, 0.1770,
0.1571

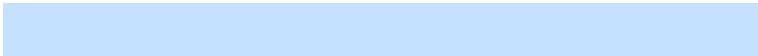
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3485, 0.2723, 0.3103



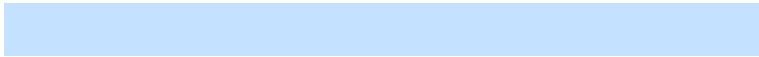
73.3485, 0.2759, 0.2975



73.3485, 0.2891, 0.2933

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3485, 0.2759, 0.2975



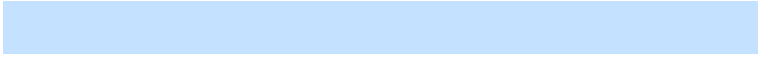
73.3485, 0.3475, 0.3275



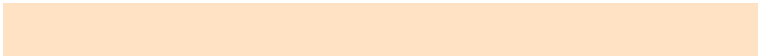
73.3485, 0.3153, 0.3626

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73.3485, 0.2759, 0.2975



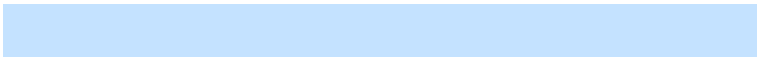
79.1391, 0.3541, 0.3586

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3485, 0.3359, 0.3666



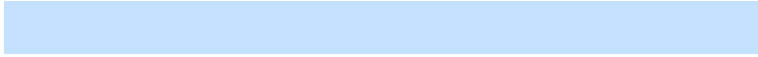
73.3485, 0.2759, 0.2975



73.3485, 0.3549, 0.3455

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3485, 0.2759, 0.2975



73.3485, 0.3304, 0.3104



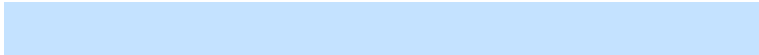
73.3485, 0.3506, 0.3600



73.3485, 0.2946, 0.3486

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



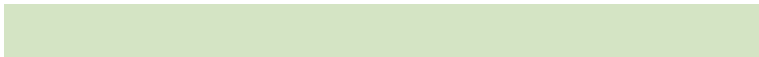
73.3485, 0.2759, 0.2975



73.3485, 0.3019, 0.2956



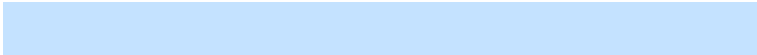
73.3485, 0.3506, 0.3600



73.3485, 0.3225, 0.3652

Sweetspot

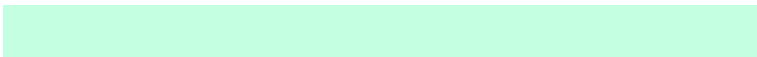
The Sweet Spot groups the original color and five complimentary colors.



73.3515, 0.2759, 0.2975



91.2919, 0.3019, 0.3203



88.6755, 0.2942, 0.3620



19.3851, 0.3009, 0.3195



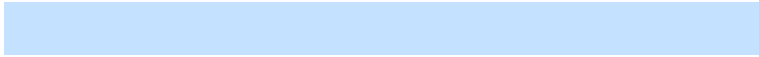
0.0000, 0.0000, 0.0000



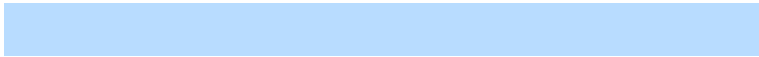
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3515, 0.2759, 0.2975



68.4709, 0.2679, 0.2898



58.9185, 0.2733, 0.2648



18.9025, 0.2979, 0.3170



12.3422, 0.1778, 0.1600



1.4204, 0.1834, 0.1803

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



66.2595, 0.3369, 0.2988



60.5346, 0.3435, 0.2921



96.1425, 0.3479, 0.3860



18.1410, 0.3214, 0.3170



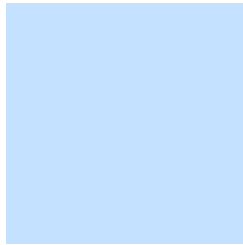
11.9739, 0.4931, 0.2490



1.1879, 0.4681, 0.2353

Previews

White Background



This preview shows how the Yxy color 73.3485, 0.2759, 0.2975 looks on a white background.

Color Contrast Check

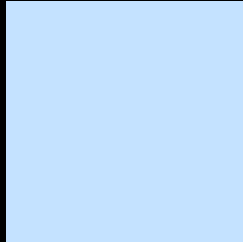
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 73.3485, 0.2759, 0.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

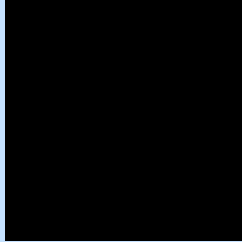
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

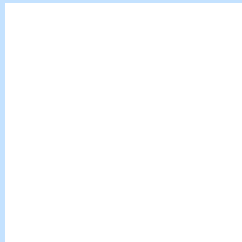
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3485, 0.2759, 0.2975

Background



This preview shows how black text looks on a background with the Yxy color 73.3485, 0.2759, 0.2975.

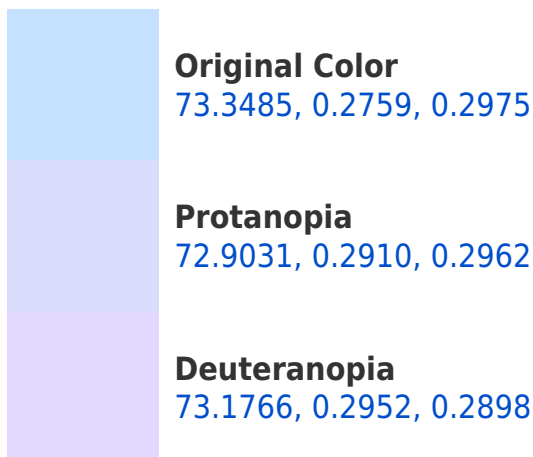


This preview shows how white text looks on a background with the Yxy color 73.3485, 0.2759, 0.2975.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

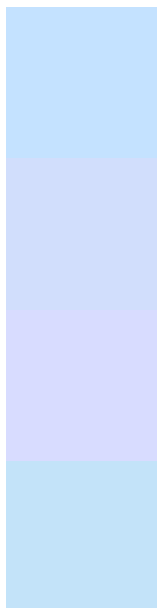




Tritanopia

73.6100, 0.2798, 0.3091

Trichromacy



Original Color

73.3485, 0.2759, 0.2975

Protanomaly

72.8261, 0.2853, 0.2969

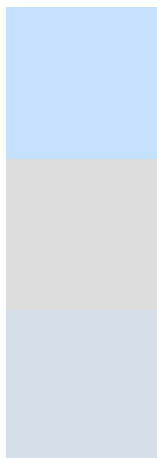
Deuteranomaly

73.0053, 0.2880, 0.2922

Tritanomaly

73.3798, 0.2787, 0.3049

Monochromacy



Original Color

73.3485, 0.2759, 0.2975

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.9746, 0.2981, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3485, 0.2759, 0.2975 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(196, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 226, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(196, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 226, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.3485, 0.2759, 0.2975 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 226, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(196, 226, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(196, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 226,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3485, 0.2759, 0.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 226, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(196,  
226, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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